

T1N, R67W

WELL BORE CONTINUES
INTO SECTION 15

MATCH LINE
SEE SHEET 2

NW. COR.
SEC. 22, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

N. 1/4 COR.
SEC. 22, T1N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 28656

NE. COR.
SEC. 22, T1N, R67W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

N 01°05'14" W 2638.62' (M)

S 89°24'09" W 2662.70' (M)

S 89°24'00" W 2662.76' (M)

N 00°26'14" W 2636.81' (M)

2136'

2011'

N 00°40'43" W
2637.61' (C)

N 00°40'43" W
2632.95' (C)

24°04" 7°59'



HEEL LOCATION

MARRS 28C-10HZ
SURFACE LOCATION

22

W. 1/4 COR.
SEC. 22, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 6973

S 89°22'57" W
2643.88' (C)

S 89°22'57" W
2651.65' (C)

E. 1/4 COR.
SEC. 22, T1N, R67W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

N 00°45'14" W 2628.97' (M)

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4978.9'
LATITUDE= 40.038070°
LONGITUDE= -104.879028°
LATITUDE= 40°02'17.051"
LONGITUDE= -104°52'44.502"
HEEL LOCATION: NAD 83
LATITUDE= 40.038982°
LONGITUDE= -104.878597°
LATITUDE= 40°02'20.335"
LONGITUDE= -104°52'42.948"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.060472°
LONGITUDE= -104.878708°
LATITUDE= 40°03'37.699"
LONGITUDE= -104°52'43.349"

S. 1/4 COR.
SEC. 22, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13258

N 00°26'40" W 2637.08' (M)

SW. COR.
SEC. 22, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

S 89°28'08" W 2640.44' (M)

S 89°28'19" W 2640.86' (M)

SE. COR.
SEC. 22, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

CERTIFICATE OF SURVEYOR:

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John R. Slaugh
JOHN R. SLAUGH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38230

NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.

NOTE:
MAGNETIC NORTH IS CURRENT AS OF 3/3/2016.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

NOTES:

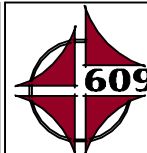
- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID12B)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
- COMBINED SCALE FACTOR: .99972813 CALCULATED AT THE W. 1/4 COR. OF SECTION 22
- OPERATOR: ROB WILSON / PDOP = 1.2
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°37'47"W, 7828' FROM THE HEEL LOCATION.



WELL PAD - MARRS 28C-10HZ

MARRS 28C-10HZ
WELL LOCATION CERTIFICATE
2090' FNL & 2011' FWL SENW (SURFACE)
1758' FNL & 2136' FWL SENW (HEEL)
LOCATED IN SECTION 22
800' FSL & 2130' FWL SESW (BOTTOM)
LOCATED IN SECTION 10
T1N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

**Kerr-McGee Oil &
Gas Onshore L.P.**
1099 18th Street
Denver, Colorado 80202



CONSULTING, LLC

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1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609

LOVELAND OFFICE
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Phone 970-776-4331

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DATE DRAFTED:	3/21/16	DATE SURVEYED:	1/19/16	1
REVISED:		FILE NAME:	15-73	1 OF 3

T1N, R67W

WELL BORE CONTINUES
INTO SECTION 10

MATCH LINE
SEE SHEET 3

NW. COR.
SEC. 15, T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 25937

S 89°32'32" W 2655.87' (M)

S 89°33'59" W 2655.57' (M)

NE. COR.
SEC. 15, T1N, R67W
FOUND 2" ALUM. CAP
ILLEGIBLE

N. 1/4 COR.
SEC. 15, T1N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 30462

N 00°26'37" W 2638.63' (M)

N 00°37'47" W 7828' GRID
N 00°13'43" W TRUE
N 08°36'47" W MAGNETIC

N 00°31'40" W
2635.20' (C)

N 00°36'18" W
1315.47' (M)

N. 1/16 COR.
SEC. 15 & SEC. 14
T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 25937

N 00°36'34" W
1315.21' (M)

E. 1/4 COR.
SEC. 15, T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 25937

N 00°36'31" W
1315.23' (M)

S. 1/16 COR.
SEC. 15 & SEC. 14
T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 25937

N 00°36'03" W
1315.31' (M)

SE. COR.
SEC. 15, T1N, R67W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

W. 1/4 COR.
SEC. 15, T1N, R67W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

S 89°28'07" W
2659.74' (C)

S 89°28'07" W
2659.22' (C)

15

SURFACE LOCATION: NAD 83
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LATITUDE= 40.038070°
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LONGITUDE= -104°52'44.502"
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LATITUDE= 40.060472°
LONGITUDE= -104.878708°
LATITUDE= 40°03'37.699"
LONGITUDE= -104°52'43.349"

N 00°31'40" W
2633.72' (C)

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SEC. 15, T1N, R67W
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L.S. NO. 28656

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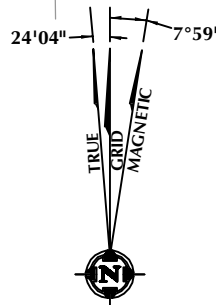
MATCH LINE
SEE SHEET 1

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3/21/16

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SCALE: 1" = 1000'

WELL PAD - MARRS 28C-10HZ

MARRS 28C-10HZ
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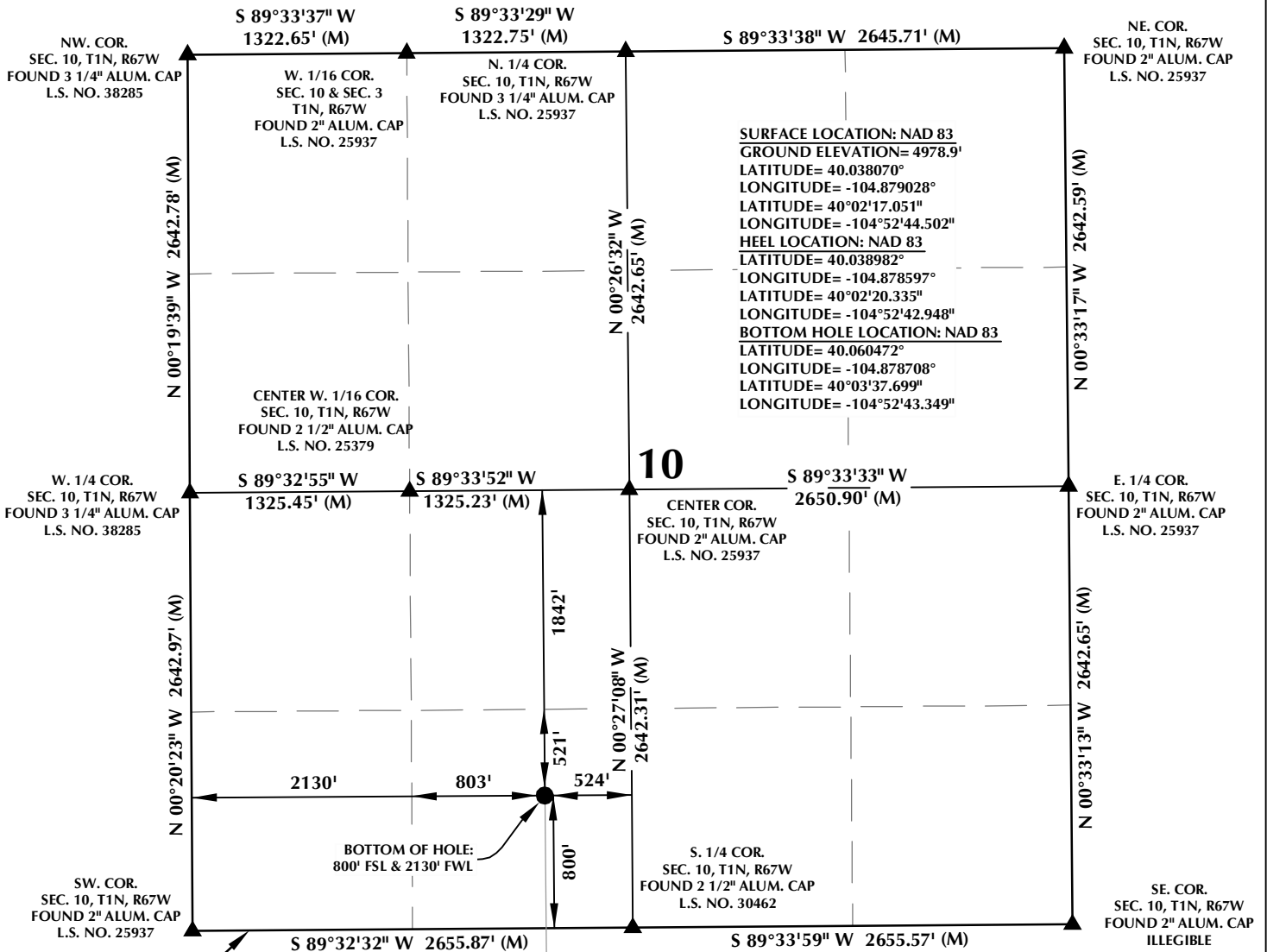
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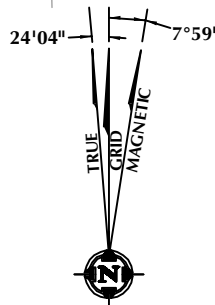


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